






COMPOSITION FOR TOPICAL USE CONTAINING DISSOLVED ETHYL CELLULOSE AND FREE FROM MONOHYDRIC ALCOHOL**Publication number:** JP10306012**Publication date:** 1998-11-17**Inventor:** ARNAUD PASCAL; THAU PAUL**Applicant:** OREAL**Classification:**

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- European: A61K8/37; A61K8/73C; A61Q1/04; A61Q1/06; A61Q17/00; A61Q17/04; A61Q19/00

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PROBLEM TO BE SOLVED: To obtain the subject composition free from monohydric alcohol, having improved adhesivity and durability, keeping the make-up for a long period and causing little transfer of the make-up by including ethyl cellulose dissolved in a specific solvent. **SOLUTION:** (A) Ethyl cellulose is dissolved in (B) a solvent selected from a natural oil, a 6-30C triglyceride, a propylene glycol ester, a neopentyl glycol ester, a 10-100C fatty alcohol, a compound having solubility parameters δ_d and δ_a satisfying the following formulas $15.00(J/cm^3)^{1/2} \leq \delta_d \leq 18.00(J/cm^3)^{1/2}$ and $8.00(J/cm^3)^{1/2} \leq \delta_a \leq 10.00(J/cm^3)^{1/2}$ [$\delta_a = (\delta_p^2 + \delta_n^2)^{1/2}$] or their mixture. The amounts of the component A and the component B in the composition are preferably about 0.05-20 wt.% and about 10-98 wt.%, respectively.

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